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also called hydroxyapatite phosphate mineral, calcium hydroxide phosphate [Ca₅(PO₄)₃OH], that forms glassy, often green crystals and masses. It is seldom pure in nature but often occurs mixed with fluorapatite, in which fluorine substitutes for the hydroxyl (OH) group in the molecule. This mixture, called a <u>solid-solution</u> series, is a continuous chemical variation between the two pure substances. <u>Collophane</u>, the apatite in fossil bone and phosphate rock belongs to the series. For physical properties, *see* <u>phosphate mineral</u> (table).

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